WORK FLOW

PROJECTS –

1) **HEART:**
   Aayush + Bishal
   a) How to make it work figuring out
      - Pressure – BMP 180 Sensor
      - Solenoid for heartbeat
      - Valve
      - Water level sensing
      - Blood Flow pump
      - Machinal manufacturing
   b) Bread Sample + Code – 4th Feb
   c) Matrix PCB + Bread Test – 11th Jan
   d) Mechanical Design - 18th Feb
   e) Mech Fabrication + Electronics Integration – 25th Feb

2) **FREE FALL:**
   Aaditya
   a) Current Model (Bread Sample, Source Code) – 4th Feb
   b) Actual Model Sample + Source Code – 11th Feb
   c) Matrix PCB + Test+ Vacuum Pump Modification - 18th Feb
   d) Physical Model + Testing – 25th Feb

3) **NERVOUS SYSTEM:**
   Aditi
   a) Rest - 28th Jan
   b) Individual Sensor check + Millis – 4th Feb
   c) All Sensor Integration on Bread - 11th Feb
   d) PCB Design – 18th Feb
   e) PCB + Sensor Integration with Model – 25th Feb

4) **SEX DETERMINATION + HERIDITY**
   Smrity
   a) Sex Determination – **COMPLETED**

b) Heridity
- Electronics + Code – 11th Feb
- Circuit Design on Tinker + Matrix board – 18th Feb

5) **DYNAMO + ELECTROMAGNETIC INDUCTION**
Prabin
- a) Dynamo/ Generator
  - Research + SolidWorks Mastery – 4th Feb
  - Fabrication + SolidWorks Mastery – 11th Feb
- b) Electromagnetic Induction
  - Research + SolidWorks Mastery – 18th Feb
  - Fabrication + SolidWorks Mastery – 25th Feb

6) **WEB DESIGNING**
Rahul
- a) General Portal – 4t^h Feb
  - Purchase Order – My Contact
  - Test - Just portal
- b) Front End – 11th Feb
- c) Quora – 18th Feb
- d) Purchase Order – 25th Feb

7) **GUI**
Suban, Rujal, Mahima and Rajesh
- a) Gravitational Force – 4th Feb
- b) Pascal, Hydraulics and Archimedes – 11th Feb
- c) Free fall + Heat Equation – 18th Feb
- d) Convex Lens + Heredity – 25th Feb

8) Saurav
- Nervous PCB, Free Fall Electronics & coding, CAD of Cell Division, Sex determination and Heredity PCB – 3rd Feb
- PCB Manufacturing -> Gravitational, Pascal, Heat Equation, Nervous, Sex Determination and Heredity – 6th Feb
- Fabrication -> Gravitation, Pascal, Heat, 3D Printing Chromosome, Cell Division, DNA and Sex Determination – 9th Feb

b) Heridity
- Electronics + Code – 11th Feb
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- Overview (10th Feb) -> Heart => Schematic
  - Free Fall => Source Code
  - Nervous => Code Verification
  - Heredity => Code
  - GUI => Validate Gravitational Force's GUI

- Meet – 11th Feb
- Convex Lens & Heart mech Design – 17th Feb
- Meet – 18th Feb
- Orrery – 25th Feb